

Job Name: 25-3195 - The Banks Lift Station and Forcemain
Job Location: Gallatin, TN
Contractor: W&O Construction

Plant: 100

5/28/2026 6:53:09 PM

Tech: Jared - F

PC: A. Chambers



Structure ID: VAULT w/METER

P1 BX4848-08BAVF-CDARED

BOX BASE 8inW, 8inF, Variable Ht w/CONBLOCK CDA RED F/n

P3) 24" x 24" - HATCH (CAST FLUSH) - 3"
P2) 48" x 48" - CB FLAT TOP 8"W w/24"X24" Hatch w/ConBlock-CDA Red F/F - 8"
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht w/CONBLOCK CDA RED F/n - 56"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) ADMIXTURE CONBLOCK CDA RED
1) HATCH (Alum.) - HALLIDAY W1S 24"x24"
1) 48" x 48" - Conseal CS-231 1.00" (Double)
1) 24" x 24" - Conseal CS-231 1.00" (Double)
2) PSX - 12M NYLO

100 lb
2363 lb
11019 lb
0 lb
0 lb
0 lb
46 lb
0 lb
0 lb
16 lb

13543 lb

Structure Total:

Structure Notes:

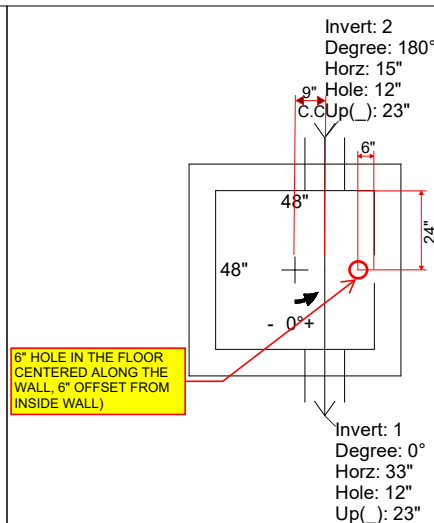
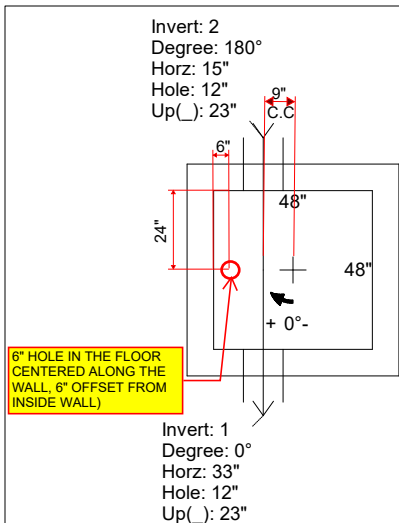
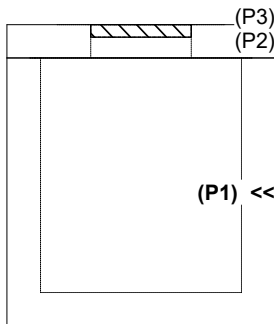
1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 5,000 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. HATCH SUPPLIED BY ICAST (HALLIDAY W1S 24"x24").
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .47) #5 BARS AT 6" C.C.E.W.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

Rim: 458.5' Rim to Invert: 3.25' Slack: -0.04" Sump: 24.96" Step Position:

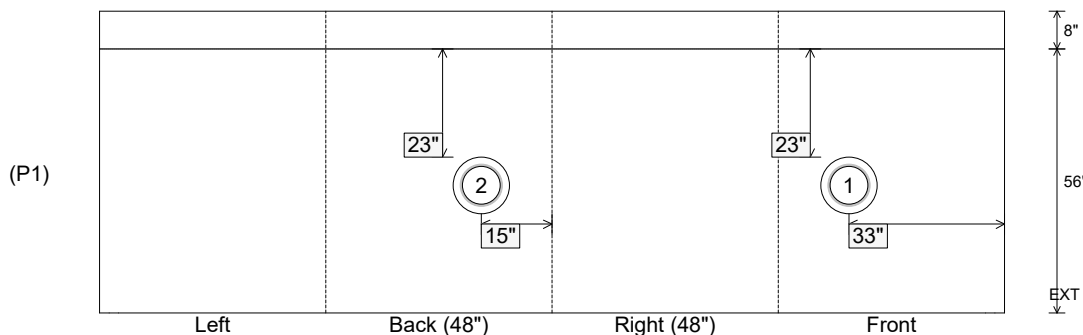
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	455.25'	0°	41"	8" DI	9"	PSX 12M NYLO	12"	12"	23"	9"
Invert 2	455.25'	180°	23"	8" DI	9"	PSX 12M NYLO	12"	12"	23"	-9"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 8"

Height (Int): 56"
Height (Ext): 64"

Weight (Net): 11019 lb
Volume (Net): 2.81cu.yd